

SUMMER CANCER RESEARCH FELLOWSHIPS FOR UNDERGRADUATES



The National Cancer Institute's Integrative Cancer Biology Program
Summer research opportunities for sophomore and junior level college students
June 11 through August 10, 2007

Program Description

This Summer Cancer Research Fellowship program provides a unique opportunity for nine eligible sophomore or junior college students to engage in innovative, integrative biology approaches to cancer research through the National Cancer Institute's (NCI) Integrative Cancer Biology Program (ICBP). The ICBP, composed of nine multidisciplinary centers across the United States, focuses on the analysis of cancer as a complex biological system. Researchers within each ICBP center utilize the integration of experimental biology with mathematical and computational modeling to gain new insights into the biology and possible management of cancer.

Selected student participants will be paired with an ICBP faculty-mentor from a participating center based on the students' indicated research interests. Through mentored research projects and/or laboratory work, faculty lectures, seminars, discussions and other activities, the nine students will gain an understanding and appreciation of major questions currently under investigation as well as the novel approaches being used within the ICBP Centers.

Stipend and Housing

Selected students will receive a stipend of \$3,222 to cover living expenses and meals during the summer program; housing will be provided in prearranged University accommodations. Travel to and from the research laboratory will be covered up to \$600.

Application and Eligibility

Application to the ICBP Summer Cancer Research Fellowship program is open to students **currently enrolled as sophomores or juniors** in an accredited college or university located in the continental United States. A student must live in the United States and be a United States citizen or hold a permanent visa to be eligible to apply. Priority will be given to students who have at least a **3.0 GPA** computed over the last three semesters and who have successfully **completed relevant course work in the areas of biology, computer science, and mathematics**. Nine students will be selected from applications received by the deadline (**Monday, February 19, 2007**) based on their academic record, statement of interest, and faculty recommendations. Students from under-represented minority groups and women are encouraged to apply.

Apply for the 2007 Summer Cancer Research Fellowship Program online at:
http://web.ncifcrf.gov/careers/student_programs/internships/icbp/

Beginning **Monday, January 15, 2007**, online applications may be submitted. The online application is the only format accepted by the NCI - ICBP. The Faculty recommendation portion is submitted online separately by Faculty using a URL included in an email sent directly to each Faculty from the address provided by the Student at the time of Student submission. The following information is to be submitted

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at one time in order for the Student's portion of the application to be accepted:

- Student's home address
- Student's academic address (how Student can be reached during the school year)
- Student's personal e-mail address (during and after the school year)
- Student's home phone (during and after the school year)
- Student's other phone (during and after the school year)
- Name and e-mail addresses of two Faculty members who will be providing Student recommendations (NOTE: These e-mail addresses are extremely important. They will be used to provide the faculty members that the Student lists with a link to the Student's submitted application so Faculty can enter their recommendations online in the format provided. To ensure that the Student's application will be considered, the recommending-Faculty should be notified by the Student in advance with the application deadline and notice of the imminent email communication).
- A description of Student's research experience (400 words maximum)
- An explanation of why the Student would like to participate in the NCI - ICBP program (400 words maximum)
- An uploadable unofficial electronic transcript (.doc, .pdf, .txt, .wpd, etc.) from all college/universities the Student has attended
- Selection of two project choices, in order of preference, from a drop-down list.
For a description of project choices, please visit: <http://icbp.nci.nih.gov/FellowshipProgram>

Applicants will be notified by email when their Faculty recommendations have been received and their applications are classified as complete. Incomplete applications will not be considered. Please allow 4 weeks from the deadline below for processing. A final email will be sent notifying applicants of their selection status.

**Deadline for Student applications and completed Faculty recommendations:
Monday, February 19, 2007**

Inquiries regarding the 2007 Summer Cancer Research Fellowship Program may be directed to:

Betty Tarnowski, Ph.D.
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National Cancer Institute
tarnowsb@mail.nih.gov

Additional information about the ICBP may be obtained by visiting the ICBP website at:
<http://icbp.nci.nih.gov/>

